



**RoHS  
Compliant**

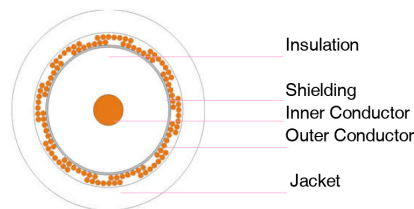
## Cable Description

Inner Conductor	: BC
Conductor Dia.	: 1.00mm ±0.02
Min.Break Strength	: 376 N
Insulation	: Foam P.E.
Insulation Dia.	: 4.70mm ±0.15
Colour	: Neutral
Centricity	: ≥85%
Adhesion	: 6 to 60N @ 25mm
Shielding	: AL/P-Foil
Foil overlap	: ≥ 120%
Outer Conductor	: TC Wire Braid
Coverage	: 55% ±3
Jacket	: PVC/LSF/LSZH
Outer Dia.	: 6.55mm ±0.3
Adhesion	: 40 to 100N @ 50mm

## Electrical Characteristics

Characteristic Impedance	: 75 ±3Ω
Capacitance	: 54 pF/m
Velocity Ratio	: >82%
DCR: Inner Conductor	: <26Ω/km
DCR: Outer Conductor	: <15Ω/km
Jacket Sparker	: 5,000 VCA
Dielectric Strength	: 1,500 VCA
Insulation resistance	: >10,000MΩkm

## Diagram



## Mechanical Characteristics

### Min.Bending Radius:

Installation	: 23mm
Repeated	: 70mm
Max.Pulling Tension	: 460N
Crush resistance of cable	: < 1% (load of 700N)

### Rated Temperature

Storage/Operating Temperature	: -20°C to +75°C
Outdoor Installation	: -5°C

## Part Number Table

Description	Colour	Part Number
Cable Coax Digital LCC100, 50m	Black	LCC100 BLK 50M
	White	LCC100 WHT 50M
	Brown	LCC100 BRN 50M
Cable Coax Digital LCC100, 100m	Black	LCC100 BLK 100M
	White	LCC100 WHT 100M
	Brown	LCC100 BRN 100M
Cable Coax Digital LCC100, 250m	Black	LCC100 BLK 250M

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